In the Claims:

This listing of claims, herein, will replace all prior versions, and listings, of claims in the Application.

Listing of Claims:

1. (Currently amended) A method for managing network resources for copying data stored on a first data storage system to a second data storage system in a data replication process, wherein each data storage system includes an array of data storage devices on which data involved in the copying is stored, the method comprising the computer-executed steps of:

requesting from a server for services on an internet a network, [[a]] an allocation of bandwidth for data copying from a first data storage system to a second data storage system over the internet network based on the amount of data to be copied, wherein the bandwidth allocation is determined based on an estimate of the data to be copied and a known time period;

copying data in response to [[a]] the bandwidth allocation from the server based on the request;

monitoring internet network traffic characteristics during the data copying; and responsive to the monitored internet network traffic characteristics, selectively requesting an effect on the bandwidth allocation.

- 2. (Original) The method of claim 1, wherein the effect requested is to increase bandwidth allocation.
- 3. (Previously presented) The method of claim 1, wherein the request is in accordance with a Java-based protocol.

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4. (Currently amended) The method of claim [[3]] 1, wherein the effect requested is to

increase the bandwidth allocation [[is]] based on the data copying not meeting at least one

performance criterion.

5. (Currently amended) The method of claim 4, wherein the at least one performance

criterion is based on a predetermined data copying rate.

6. (Cancelled)

7. The method of claim [[6,]] 1 wherein the monitored internet (Currently amended)

network traffic characteristics include includes information regarding packet latency and the data

copying lagging behind is further based on packet latency.

8. (Currently amended) The method of claim [[6,]] 1, wherein the monitored internet

network traffic characteristics include includes information regarding packet loss and the data

copying lagging behind is further based on packet loss.

9 - 15. (Cancelled).

16. (Currently amended) The method of claim [[9]] 1, wherein the data replication is carried

out in accordance with a replication policy.

17. (Original) The method of claim 16, wherein the replication policy defines replication

groups including devices distributed between the first and second data storage systems and the

data replication process is completed when all devices in the replication groups are synchronized.

18. (Currently amended) A networked computer system for managing network resources for

copying of data from a first data storage system to a second data storage system in a data

replication process, wherein each data storage system includes an array of data storage devices

on which data involved in the copying is stored, the networked computer system comprising:

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a first data storage system;

a second data storage system in communication with the first data storage system over an

internet a network;

a server for providing internet services over the internet network; and

a network communication device capable of enabling the method steps of:

requesting from a server for services on an internet network, [[a]] an allocation of

bandwidth for data copying from the first data storage system to the second data storage

system over the internet network based on the amount of data to be copying, wherein the

bandwidth allocation is determined based on an estimate of the data to be copied and a

known time period;

copying in response to a bandwidth allocation from the server based on the

request;

monitoring internet network traffic characteristics during the data copying; and

responsive to the monitored internet network traffic characteristics, selectively

requesting an effect on the bandwidth allocation.

19. (Cancelled)

20. (Previously presented) The system of claim 19, wherein the request is in accordance with

a Java-based protocol.

21. (Currently amended) The system of claim [[20]] 18, wherein the effect requested is to

increase bandwidth allocation [[is]] based on the data copying not meeting at least one

performance criterion.

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22. (Previously presented) The system of claim 21, wherein the at least one performance

criterion is based on a predetermined data copying rate.

23. (Cancelled)

24. The system of claim [[23]] 18, wherein the monitored internet (Currently amended)

network traffic characteristics include information regarding packet latency and the data copying

lagging behind is further based on packet latency.

25. (Currently amended) The system of claim [[22]] 18, wherein the monitored internet

network traffic characteristics include information regarding packet loss and the data copying

lagging behind is further based on packet loss.

26. The system of claim [[19]] 18, wherein the data replication is (Currently amended)

carried out in accordance with a replication policy.

27. The system of claim 26, wherein the replication policy defines replication

groups including devices distributed between the first and second data storage systems and the

data replication process is completed when all devices in the replication groups are synchronized.

28. (Currently amended) A program product for managing network resources for copying of

data stored in a data storage environment, the program product being for management of data

and being comprised of:

computer-executable logic contained on a computer-readable medium and which is

configured for causing the following computer-executed steps to occur:

requesting from a server for services on an internet network, [[a]] an allocation of

bandwidth for data copying from a first data storage system to a second data storage

system over the internet network based on the amount of data to be copying, wherein the

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bandwidth allocation is determined based on an estimate of the data to be copied and a known time period;

copying data in response to [[a]] the bandwidth allocation from the server based on the request;

monitoring internet network traffic characteristics during the data copying; and responsive to the monitored internet network traffic characteristics, selectively requesting an effect on the bandwidth allocation.